



PTO/SB/08a (09-06)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 13

Complete if Known

Application Number	10/538,918
Filing Date	12-13-05
First Named Inventor	John E. Hansen
Art Unit	3761
Examiner Name	Melanie Jo. Hand
Attorney Docket Number	13323-105003

U.S. PATENT DOCUMENTS

Examiner Initial *	Cite No. ¹	Document Number		Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	1	US-US 20010038848		11-08-01	Donda	
	2	US-US 20010041913		11-15-01	Cragg et al	
	3	US-US 20020006429		01-17-02	Redmond et al	
	4	US-US 20020010150		01-24-02	Cortese et al	
	5	US-US 20020010482		01-24-02	Watt	
	6	US-US 20020015724		02-07-02	Yang et al	
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		Country Code ³	Number ⁴	Kind Code (if known) ⁵				
	21	BG	BG 0051589A1			Sydney et al		
	22	BG	BG 0099900A			Mitsubishi electric corp		
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	28	EP	EP 0365705		05-02-90	Cullen et al		
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	30	EP	EP 0478827		04-08-92	Ferrosan		

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Sheet 2 of 13

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		Number	Kind Code ² (if known)			
	31	US-US 20030028140		02-06-03	Greff	
	32	US-US 20030032143		02-13-03	Neff et al	
	33	US-US 20030064109		04-03-03	Qian et al	
	34	US-US 20030095993		05-22-03	Benz et al	
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	60	EP	EP 1095064		06-08-05			

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	64	US-US 20060159733		07-20-06	Pendharkar et al	
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	67	US-US 20070009578		01-11-07	Moller et al	
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	92	US-US 4655211		04-07-87	Unitika Ltd	
	93	US-US 4735616		04-05-88	Eibl et al	
	94	US-US 4749689		06-07-88	Miyata et al	
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	114	JP	JP 60214728		10-28-85			
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	117	PC	WO 0009018		02-24-00			
	118	PC	WO 0018301		04-06-00			
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	122	US-US 5595735		01-21-97	Saferstein et al	
	123	US-US 5643596		07-01-97	Pruss et al	
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	134	US-US 5791352		08-11-98	Reich et al	
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	142	PC	WO 0128603		04-26-01			
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	153	US-US 5939259		08-17-99	Harvey et al	
	154	US-US 5951531		09-14-99	Ferdman et al	
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		Country ³ Code	Number ⁴	Kind Code ⁵ (if known)				
	171	PC	WO 03055531		07-10-03			
	172	PC	WO 03094983		11-20-03			
	173	PC	WO 04028404		04-08-04			
	174	PC	WO 04028423		04-08-04			
	175	PC	WO 04029095		04-08-04			
	176	PC	WO 04030711		04-15-04			
	177	PC	WO 04108035		12-16-04			
	178	PC	WO 05000265		01-06-05			
	179	PC	WO 05009225		02-03-05			
	180	PC	WO 05041811		05-12-05			

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3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO				<div> <div>Complete if Known</div> <table> <tr> <td>Application Number</td> <td>10/538,918</td> </tr> <tr> <td>Filing Date</td> <td>12-13-05</td> </tr> <tr> <td>First Named Inventor</td> <td>John E. Hansen</td> </tr> <tr> <td>Art Unit</td> <td>3761</td> </tr> <tr> <td>Examiner Name</td> <td>Melanie Jo Hand</td> </tr> <tr> <td>Attorney Docket Number</td> <td>13323-105003</td> </tr> </table> </div>		Application Number	10/538,918	Filing Date	12-13-05	First Named Inventor	John E. Hansen	Art Unit	3761	Examiner Name	Melanie Jo Hand	Attorney Docket Number	13323-105003
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<div> <div>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</div> <div>(Use as many sheets as necessary)</div> </div>																	
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U.S. PATENT DOCUMENTS

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	207	PC	WO 9310768	06-10-93			
	208	PC	WO 9321908	11-11-93			
	209	PC	WO 9417840	08-18-94			
	210	PC	WO 9512371	05-11-95			
	211	PC	WO 9525748	09-28-95			
	212	PC	WO 9531955	11-30-95			
	213	PC	WO 9607472	03-14-96			
	214	PC	WO 9616643	06-06-96			
	215	PC	WO 9640033	12-19-96			
	216	PC	WO 9717023	05-15-97			

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				Application Number	10/538,918
				Filing Date	12-13-05
				First Named Inventor	John E. Hansen
				Art Unit	3761
				Examiner Name	Melanie Jo Hand
				Attorney Docket Number	13323-105003
Sheet	10	of	13		

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Examiner Signature		Date Considered	
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Substitute for form 1449B/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Application Number	10/538,918	
			Filing Date	12-13-05	
			First Named Inventor	John E. Hansen	
			Group Art Unit	3761	
			Examiner Name	Melanie Jo Hand	
Sheet	11	of	13	Attorney Docket Number	13323-105003

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initial *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	229	SOULES ET AL, Am. J. Obstet. Gynecol., Vol. 143, pg. 829-834, 1982, "The prevention of postoperative pelvic adhesions: An animal study comparing barrier methods with Dextran 70"	
	230	DE IACO, ET AL., Surgery, Vol. 130, pg. 60-64, 2001, "Efficacy of a Hyaluronan Derivative gel in postsurgical adhesion prevention in the presence of inadequate hemostasis"	
	231	Sakurabayashi et al., Gastroenterological Endoscopy 30(10) Oct 1988. Clinical evaluation of new hemostatic agent for hemostasis from biopsy wounds in the liver	
	232	Spence et al., Cancer 1975 Feb;35(2):326-341. Cerebellar capillary hemangioblastoma: its histogenesis studied by organ culture and electron microscopy.	
	233	CHANGEZ ET AL, Biomaterials, 2005, Vol. 26, No. 14, pg. 2095-2104, "Efficacy of antibiotics-loaded interpenetrating network (IPNs) hydrogel based on poly (acrylic acid) and gelatin for treatment of experimental osteomyelitis: in vivo study"	
	234	Quintavalla et al., Biomaterials 2002 Jan;23(1):109-119. Fluorescently labeled mesenchymal stem cells (MSC) maintain multilineage potential and can be detected following implantation into cartilage defects	
	235	HILL-WEST, ET AL., Fertility and Sterility, Vol. 62, No. 3, pg. 630-634, "Efficacy of a resorbable hydrogel barrier, oxidized regenerated cellulose and hyaluronic acid in the prevention of ovarian adhesions in a rabbit model"	
	236	SHUSHAN, ET AL., Journal of Reproductive Medicine, Vol. 39, pg. 398-402, 1994, "Hyaluronic acid for preventing experimental postoperative intraperitoneal adhesions"	
	237	YUESONG ET AL, Intern. des Services de San. des Forces Armees, September 1999, Vol. 72, No. 7-9, pg. 194-196, "Design and experimental study of a slow-release antibiotic membrane implant in surgery wound"	
	238	RAFTERY, BR. J. Surg., Vol. 67, pg. 57-58, 1980, "Absorbable Haemostatic materials and intraperitoneal adhesion formation"	
	239	OZ ET AL, Ann Thorac Surg 2000, Vol. 69, pg. 1376-1382, 2000, "Controlled clinical trial of a novel hemostatic agent in cardiac surgery"	

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STATEMENT BY APPLICANT**

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Group Art Unit	3761
Examiner Name	Melanie Jo Hand
Attorney Docket Number	13323-105003

Sheet 12 of 13

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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	240	CHOI YS ET AL, J Biomed Mater Res 1999; 48 (5), pg. 631-639, "Studies on gelatin-containing artificial skin: II. Preparation and characterization of cross-linked gelatin-hyaluronate sponge"	
	241	LARSSON, ET AL., Acta Chir. Scand., Vol. 26, pg. 375-378, 1978, "Surgical- An absorbable hemostatic material- In prevention of peritoneal adhesions in rats"	
	242	DEMBO, M. A ET AL, Lech. Prep. Krov. Tkanei, pg. 139-40, 1974, "Antiseptic hemostatic preparations, their properties and study"	
	243	LAURENT ET AL, AM. J. Otolaryngol, Vol. 7, pg. 181-186, 1986, "Hyaluronic acid reduces connective tissue formation in middle ears filled with absorbable gelatin sponge: an experimental study"	
	244	KOCAL, ET AL., Fertility and Sterility, Vol. 72, No. 5, pg. 873-878, November 1999, "Reduction of adhesion formation with cross-linked hyaluronic acid after peritoneal surgery in rats"	
	245	WACHOL-DREWEK ET AL, Biomaterials 17, pg. 1733-1738, 1996, "Comparative Investigation of drug delivery of collagen implants saturated in antibiotic solutions and a sponge containing gentamicin"	
	246	WIESENTHAL ET AL, The Journal of Otolaryngology, 1999, Vol. 28, No. 5, pg. 260-265, "New method for packing the external auditory canal, middle ear space, and mastoid cavities after otologic surgery"	
	247	ELLEGALA ET AL, Neurosurgery, August 2002, Vol. 51, pg. 513-516, "Use of FloSeal Hemostatic Sealant in Transsphenoidal Pituitary surgery: technical note"	
	248	DROGNITZ ET AL, Infection Germany (Munich), 2006, 34 (1), pg. 29-34, "Release of vancomycin and teicoplanin from a plasticized and resorbable gelatin sponge: in vitro investigation of a new antibiotic delivery system with glycopeptides"	
	249	"FloSeal Matrix Hemosealant. Instructions for use". Accessed online August 17, 2005 at http://www.ctsnet.org/file/vendors/931/pdf/140.pdf	
	250	LUENGO, ET AL., Fertility and Sterility, Vol. 29, No. 4, April 1978, "Prevention of peritoneal adhesions by the combined use of Spongostan and 32% Dextran 70: an experimental study in pigs"	

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			Examiner Name	Melanie Jo Hand	
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	251	MAXSON ET AL, Gynecol. Obstet. Invest., Vol. 26, pg. 160-165, 1988, "Efficacy of a modified oxidized cellulose fabric in the prevention of adhesion formation"	
	252	HONG ET AL, Biomaterials, 2001, 22 (20), pg. 2777-2783, "Study on gelatin-containing artificial skin IV: a comparative study on the effect of antibiotic and EGF on cell proliferation during epidermal healing"	
	253	VAN DER SALM T.J. ET AL, J. of Thoracic and Cardiovascular Surgery, 1989, Vol. 98, No. 4, pg. 618-622, "Reduction of sternal infection by application of topical vancomycin"	
	254	WEST, ET AL., The Journal of reproductive medicine, Vol. 41, pg. 149-154, 1996, "Efficacy of adhesion barriers, resorbable hydrogel, oxidized regenerated cellulose and hyaluronic acid"	
	255	SANFILIPPO ET AL, Fertility and sterility, Vol. 33, No. 3, pg. 311-316, March 1980, "Comparison of avitene, topical thrombin and Gelfoam, as sole hemostatic agent in tuboplasties"	
	256	HAE-WON ET AL, J. of Biomedical Materials Research, 2005, 74B (2), pg. 686-698, "Porous scaffolds of gelatin-hydroxyapatite nanocomposites obtained by biometric approach: Characterization and antibiotic drug release"	
	257	LI, ET AL., Arch Otolaryngol Head Neck Surg., Vol. 127, pg. 534-539, May 2001, "Evaluation of Esterified Hyaluronic Acid as middle ear-packing material"	
	258	REIJNEN, ET AL., Arch Surg., Vol. 134, pg. 997-1001, September 1999, "Prevention of Intra-Abdominal Abscesses and adhesions using a hyaluronic acid solution in a rat peritonitis model"	
	259	HILL ET AL, J. Thorac Cardiovasc Surg 1994, Vol. 108, pg. 1151-1152, "Use of microfibrillar collagen hemostat (Avitenet) and thrombin to achieve hemostats after median sternotomy"	

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